

Leisure World Pond Repair & Improvement

Community Meeting

June 13, 2024



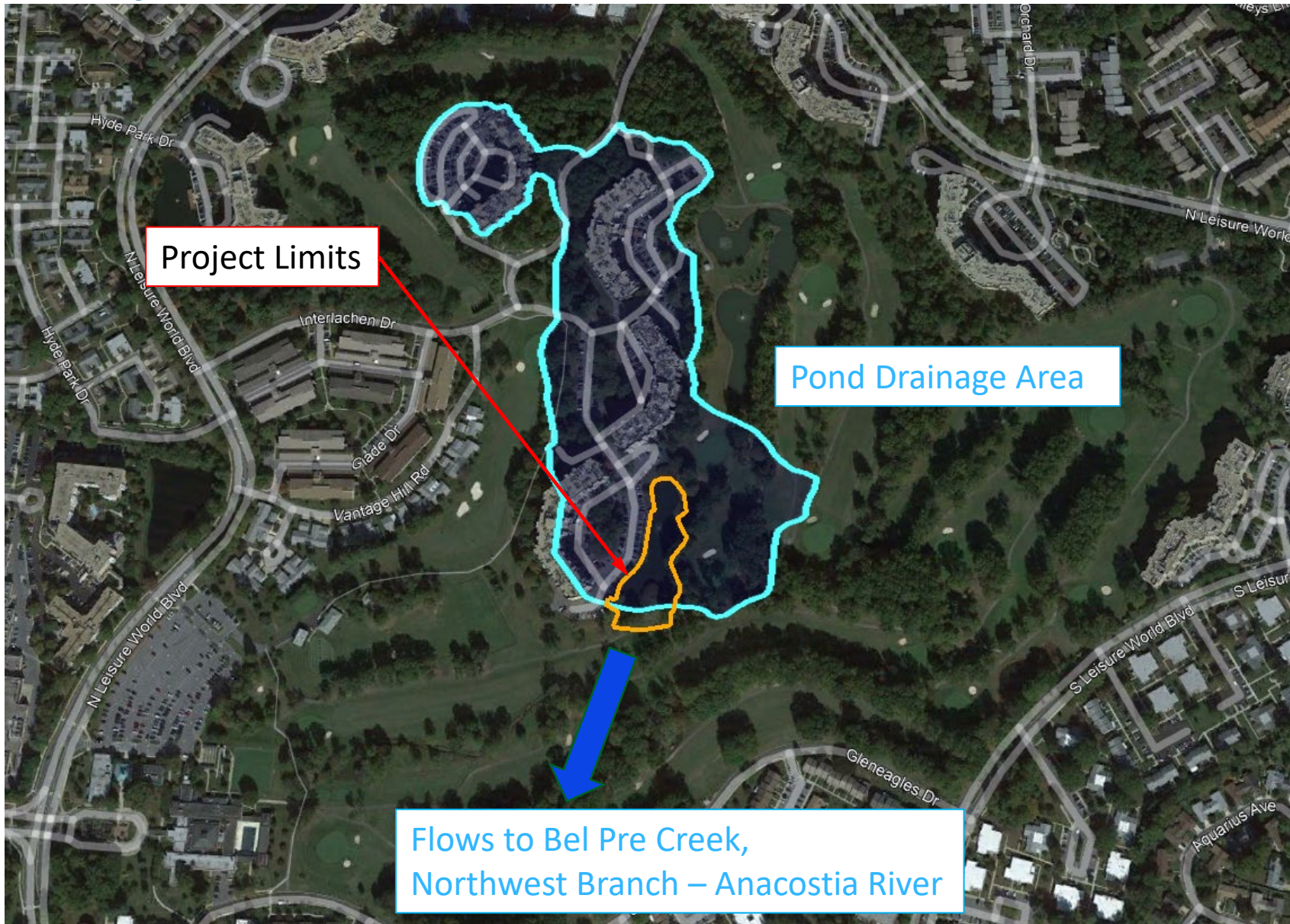
Doug Marshall

Project Planner
Montgomery County
240-777-7767



**DEPARTMENT OF
ENVIRONMENTAL
PROTECTION**
MONTGOMERY COUNTY • MARYLAND

Project Location



Existing Leisure World Pond

- **Stormwater Management Wet Pond**
 - Sediment Accumulated – reduced water storage and water quality treatment
- **10' High Earth Embankment Dam**
 - Deteriorating Corrugated Metal Spillway Pipe
- **Existing Concrete Riser Control Structure**
 - Regulates flow out of pond – Deteriorating



Need for Repair

- Dam is safe but doesn't meet current industry design criteria
- Dam's drain system is deteriorated and in need of replacement

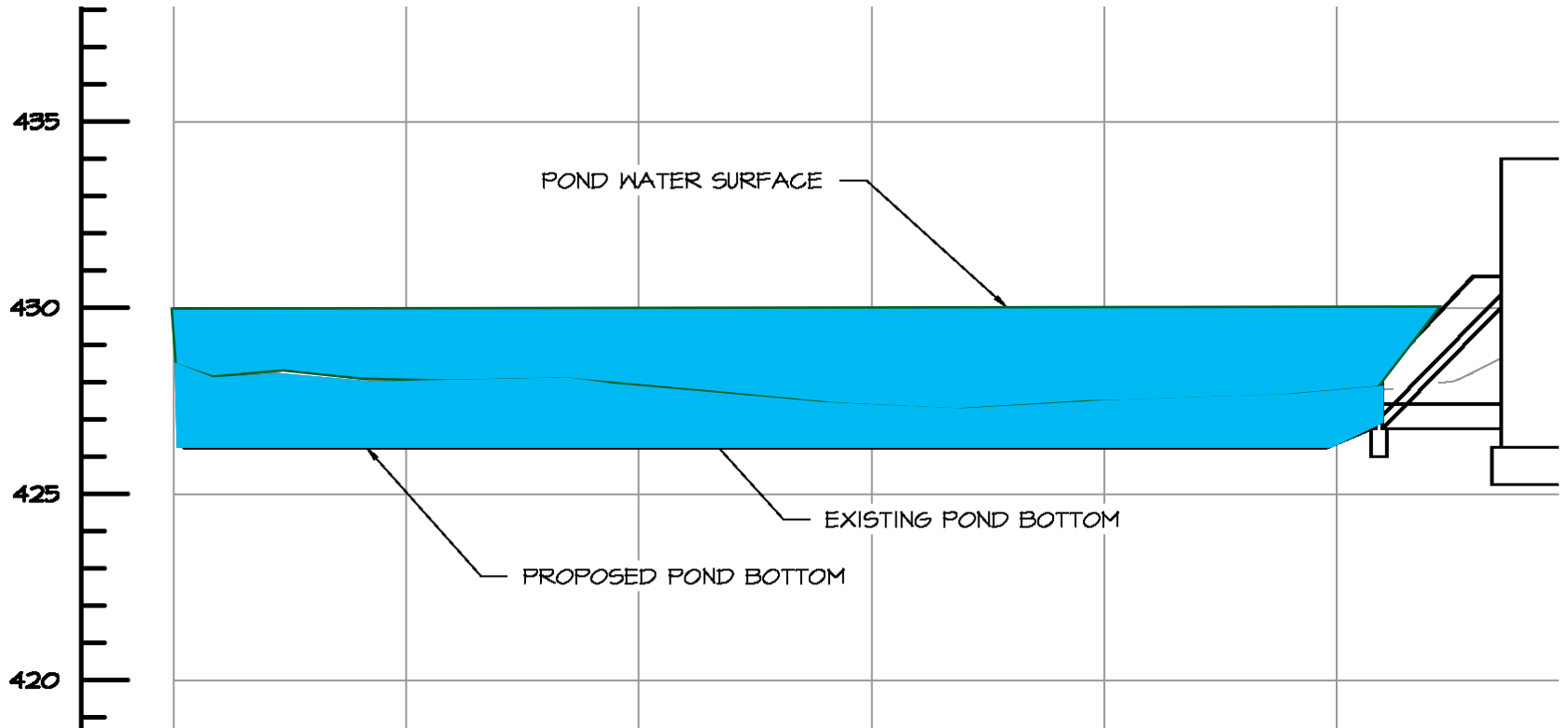


2016 Repairs

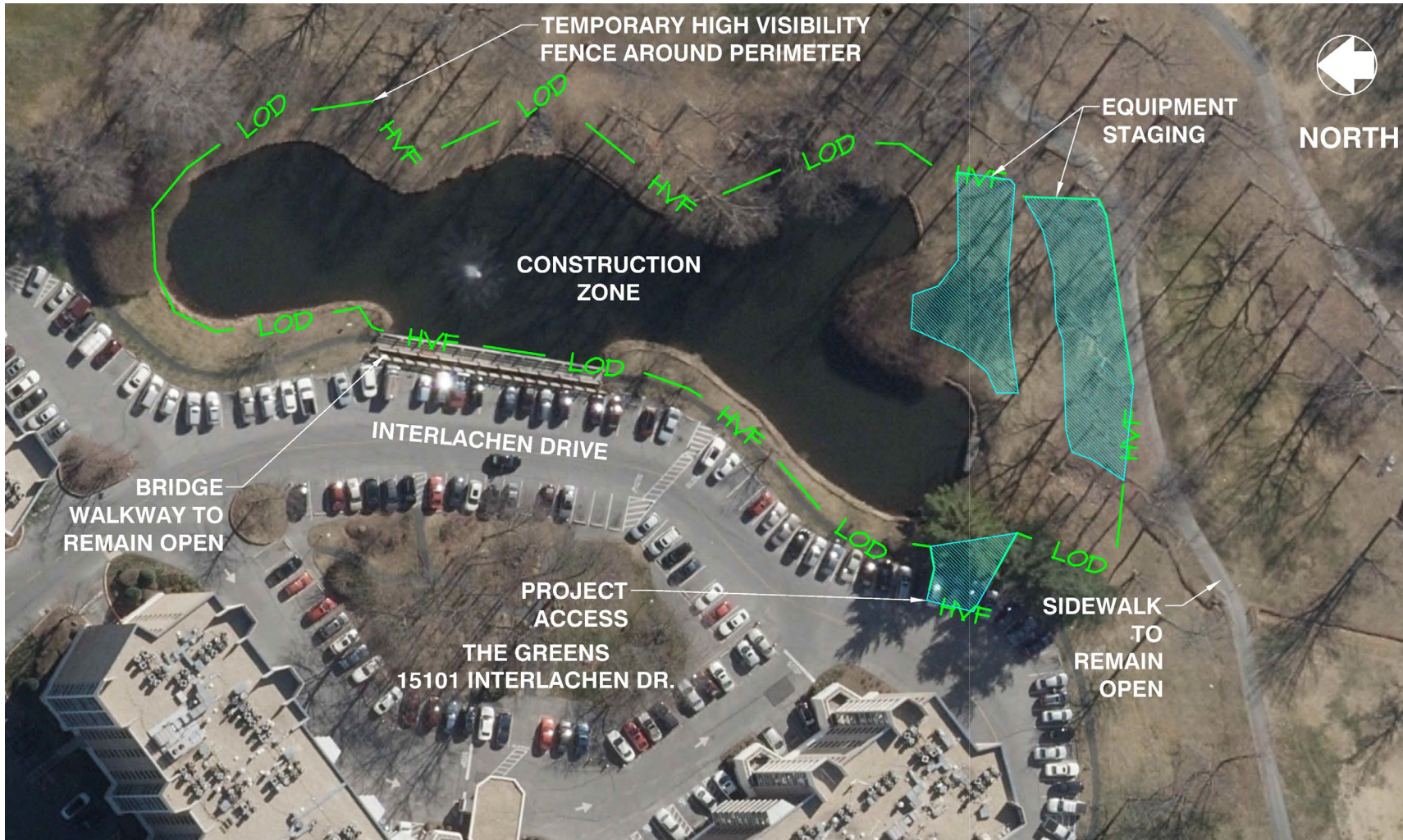
Pond Repairs and Upgrades



Pond Dredging Depths

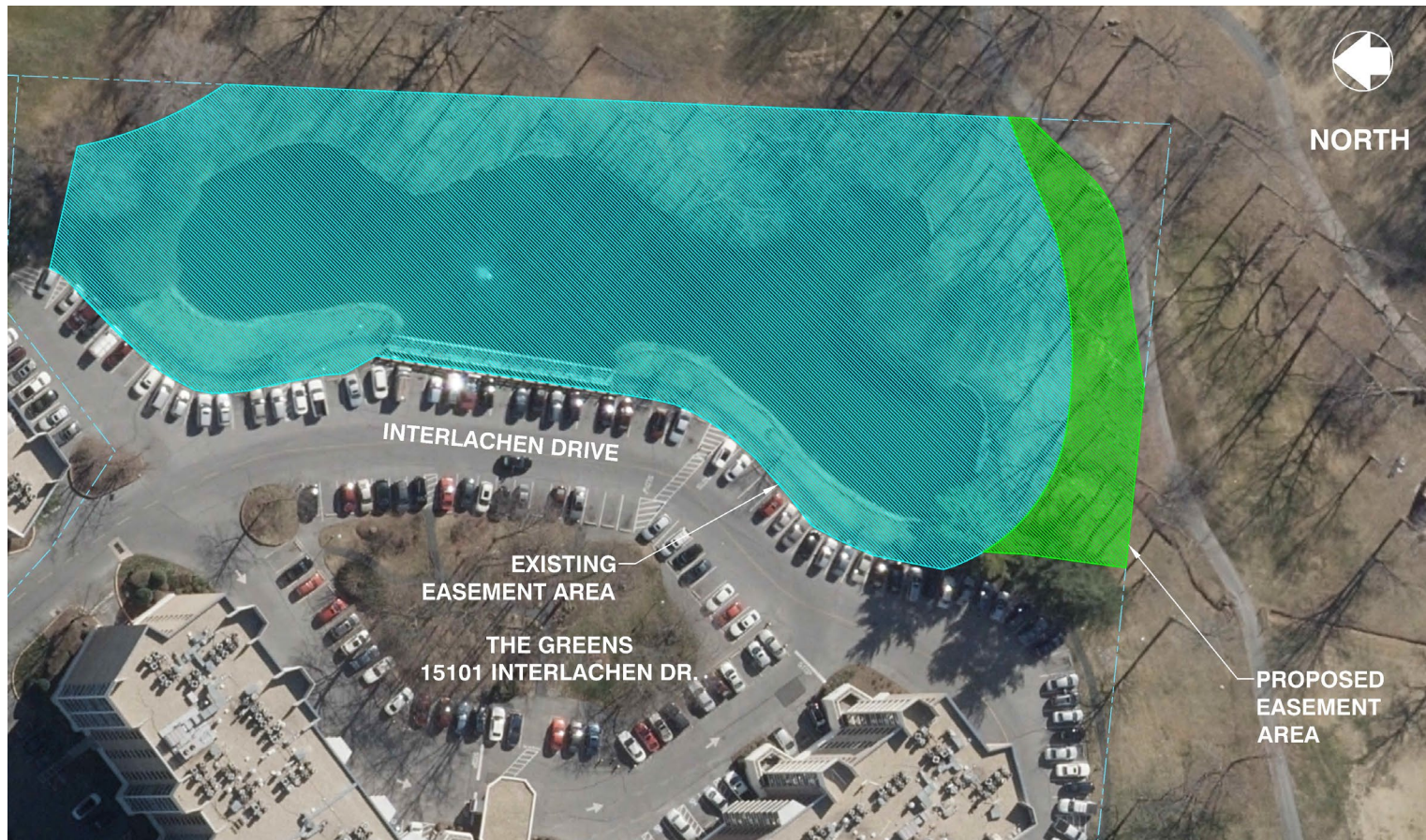


Project Impact Limits

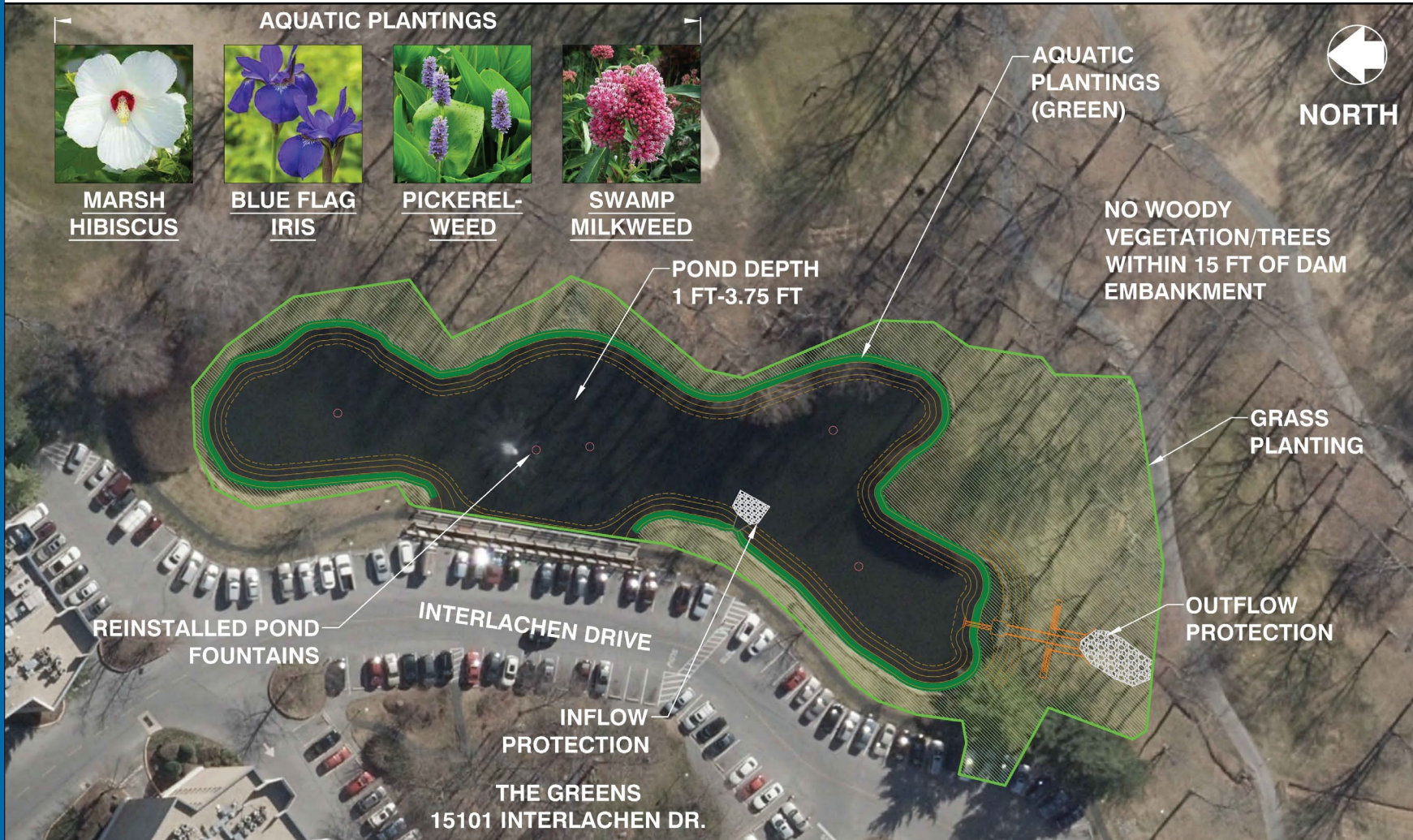


Project Easements

- Existing easement covers most of the required area.
- Easement to be extended to include area south of the pond (Green hatching below).



Pond Design - Vegetation



Aquatic Plants – 1,400

Trees – 5

Shrubs - 15

- Sugar Maple - 2
- Black Gum - 2
- River Birch - 1

- Buttonbush – 10
- Winterberry - 5

Project Benefits

- **Aesthetics/Environment** – Provide landscaping that improves habitat and aesthetics.
- **Maintenance** – safer operating structures that will require less frequent structural maintenance in the future.
- **Stream Protection** – Provide design elements that better regulate pond discharge and protect water quality in the Northwest Branch of the Anacostia River.

Pond Repair Schedule

- ✓ Design and Permitting Fall 2022
- ✓ Permits Secured May 2023
- Easement Executed August 2024
- Construction Bidding September 2024
- Construction (4 – 6 Months) March 2025 – November 2025



What to Expect During Construction (2023)

- **Resident Notification**

- Mailing
- Project Sign

- **Duration**

- About 4-6 months

- **Construction Hours**

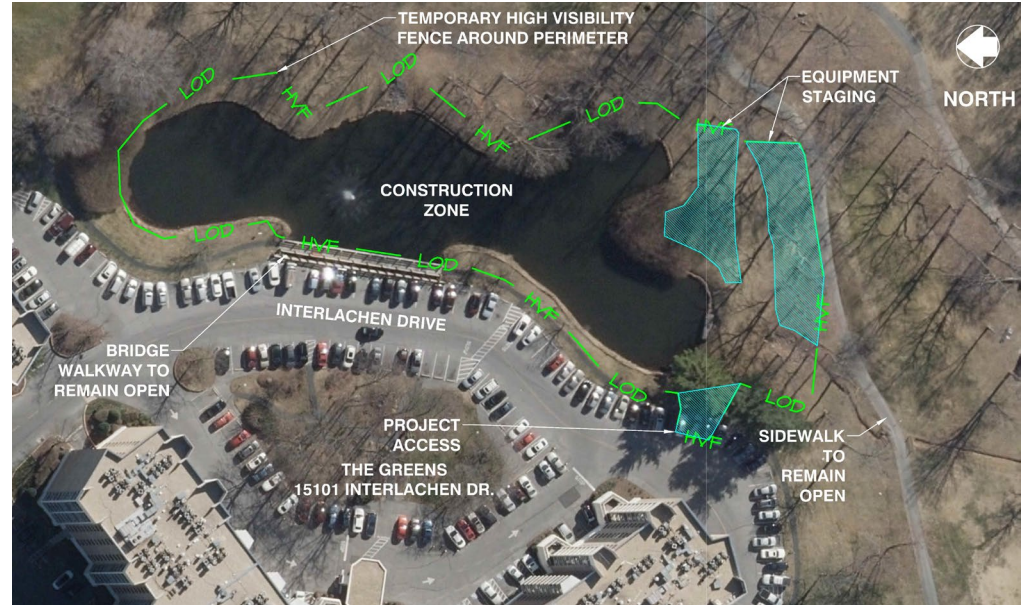
- Monday through Friday,
7AM – 5PM

- **Safety**

- Fencing around construction

- **Traffic**

- Minor from entering and exiting construction traffic and contractor parking during the day
- 3-4 Parking Spaces temporarily used next to pond



Questions?

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Quail Valley Stormwater Pond Retrofit Project

Montgomery Village – Project Completed Sept. 2021



July 21, 2022



September 13, 2022

Fallsreach Stormwater Pond Retrofit Project

Potomac, MD – Project completed Sept. 2018



June 22, 2020



May 24, 2022

Valley Park Stormwater Pond – Retrofit Project

Damascus, MD – Project Completed Sept. 2017



July 7, 2018



June 6, 2024